



MMD:imp

EXPRESS MAIL LABEL NO. EV324206991US  
 Date of Deposit: September 15, 2003  
**PATENT**  
 Attorney's Ref. No. P0883D

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop PATENT APPLICATION  
 COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, VA 22313-1450



Transmitted herewith for filing is the patent application of:

Inventor(s): Haigh et al.

For: ENHANCED SHADOW REDUCTION SYSTEM AND RELATED TECHNIQUES FOR DIGITAL IMAGE CAPTURE

Enclosed are:

- ☒ 28 pages of specification, 2 pages of claims, an abstract, Application Data Sheet 2 pages, and a Combined Declaration and Power of Attorney (unsigned).
- ☒ 21 sheet(s) of drawings.

For	Claims filed	FILING FEE		Number Extra	Rate	Basic Fee
		Number Allotted	=			
Total Claims	31	20	=	11	\$18.00	\$198.00
Independent Claims	6	3	=	3	\$84.00	\$252.00
TOTAL FILING FEE						\$1,200.00

- ☒ Please return the enclosed postcard to confirm that the items listed above have been received.

**Customer Number 23735**


Date: September 15, 2003

Respectfully submitted,

DIGIMARC ID SYSTEMS, LLC

**CUSTOMER NUMBER 23735**

Phone: 781-744-6404  
 FAX 503-885-9880

By   
 Marianne McLaughlin Downing  
 Registration No. 42,870

**COPY**

**Application Data Sheet** (Multiple Inventors with Representation, Continuity and Priority)  
Digimarc Corporation

---

**Inventor Information**

Inventor One Given Name:: Scott D.  
Family Name:: Haigh  
Name Suffix::  
Postal Address Line One:: 64 Oakdale Road  
Postal Address Line Two::  
City of Residence:: Canton  
State or Province of Residence:: MA  
Country:: USA  
Postal or Zip Code:: 02021  
Citizenship Country:: USA

Inventor Two Given Name:: Tuan A.  
Family Name:: Hoang  
Name Suffix::  
Postal Address Line One:: 6 Polley Road  
Postal Address Line Two::  
City of Residence:: Westford  
State or Province of Residence:: MA  
Country:: USA  
Postal or Zip Code:: 01886  
Citizenship Country:: USA

Inventor Three Given Name:: Charles F.  
Family Name:: Duggan  
Name Suffix::  
Postal Address Line One:: 8 Derry Street  
Postal Address Line Two::  
City of Residence:: Merrimack  
State or Province of Residence:: NH  
Country:: USA  
Postal or Zip Code:: 03054  
Citizenship Country:: USA

Inventor Four Given Name:: David  
Family Name:: Bohaker  
Name Suffix::  
Postal Address Line One:: 245 Pine Hill Road  
Postal Address Line Two::  
City of Residence:: Chelmsford  
State or Province of Residence:: MA  
Country:: USA

COPY

Postal or Zip Code:: 01824  
Citizenship Country:: USA  
  
Inventor Five Given Name:: Leo M.  
Family Name:: Kenen  
Name Suffix::  
Postal Address Line One:: 44 Loomis St.  
Postal Address Line Two::  
City of Residence:: Bedford  
State or Province of Residence:: MA  
Country:: USA  
Postal or Zip Code:: 01730  
Citizenship Country:: USA

**Correspondence Information**

Addressee: Marianne McLaughlin Downing  
Postal Address Line One: 19801 SW 72<sup>nd</sup> Avenue, Suite 250  
City, State, Zip Code: Tualatin, OR 97062  
Telephone One:: 781-744-6404  
Fax:: (503) 885-9880  
Electronic Mail: mdowning@digimarc.com

COPY

**Application Information**

Title Line One:: ENHANCED SHADOW REDUCTION SYSTEM AND RELATED  
Title Line Two:: TECHNIQUES FOR DIGITAL IMAGE CAPTURE  
Total Drawing Sheets:: 21  
Application Type:: Utility  
Docket Number:: P0833D

**Continuity Information**

This application:: Claims priority to  
> Application One:: 60/410,544  
Filing Date:: September 12, 2003  
Patent No::

And:: Claims priority to  
> Application Two:: 60/447,502  
Filing Date:: February 13, 2002  
Patent No::